

Dependence of the Basic Properties of Mixtures and
Vulcanizates of Butadiene-Styrene Rubbers on the
Value of the Initial Molecular Weight, by A. S.
Novikov, M. B. Khaikina, T. V. Dorokhina, M. I.
Arkhangelskaya, 9 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XV, No 1,
1953, ~~pp 51-59~~ pp 51-59.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

17,605

Effect of Structure on the Viscosity of
Butadiene-Styrene Rubbers, by A. S. Novikov,
P. A. Tolstukhina, 8 pp.

RUSSIAN, *PM*, *Kolloid Zhur*, Vol XIX, No 5, 1957,
pp 599-606.

Consultants Bureau

Ref - Chem

80,065

Study of the Properties of Reinforced Nitrile Rubbers.
Rubbers. 2. The Properties of Reinforced
"Aluminate-Nitrile" Rubbers, by V. A. Shvetsov,
A. S. Horikov, A. P. Pisarenko, 4 pp.

RUSSIAN, per, Kautchuk i Rezina, Vol XIX, No 4,
1960, pp 12-16.

Res Assoc of British Rubber Makers

Sci.

Dec 60

133,259

41
Vulcanization of Fluorocarbons by
Amines, by A. S. Novikov, F. A.
Gall-ogly.
RUSSIAN, per. Vysokomolekularnye
Soedineniya, 1962, Vol IV, No XII,
pp 1799-1803
*PID-TT-65-1371

Sci-Chem
Sept 65

F. A. Gall-ogly

A. S. NOVIKOV

Certain Current Problems of Military Field
Therapy by A.T. Novikov

RUSSIAN, no per, Voenno Med Zhur, No 6,
Moscow, Jun 1958, pp 1-9

US JPRS(NY) 866

Sci - Medicine
Dec 58

77, 286

First All-Russian Congress of Internists,
by A. T. Novikov

RUSSIAN, mo per, Voenno Med Zhur, No 2,
Moscow, Feb 1959, pp 88-92

Sci - Med

US JPRS 1634-N

Jan 59

88,514

(DC-1098)

Results of the Treatment of Ulcerous Diseases and
the Prevention of Relapses, by A. T. Novikov,
8 pp. UNCLASSIFIED

RUSSIAN, no per, Voenno-Med Zhur, No 5, Moscow,
May 1957, pp 22-27.

US JPRS/DC-L-276

Sci - Medicine

63,441

Determination of the Volume of a Molten Metal
Bath in the Arc Furnace When Melting Titanium,
by Alexei Novikov, Robert Brenner.

GERMAN, per, Z fuer Metallkunde, Vol CXIX, No 4,
1958, pp 199-201.

Dept of Interior
TN7, E57, No 118

Sci - Min/Met

Nov 59

100,588

Epidemiology of ⁴Typhoid Fever, by B. P. Novikov,
3 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXIX, No 4, 1958, pp 36-37.

Pergamon Inst

Sci - Med
Feb 59

80,142

Absorption Spectra of Certain Gallium Chalco-
genide Crystals, by E. F. Gross, D. V. Novikov,
D. S. Razbirin, L. G. Suslina, 3 pp.

RUSSEAN, per, Optika i Spektro, Vol VI, No 4,
1959, pp 569-.

The Optical Society of
America

Sci

Doc 59

102, 109

Structure of the Spectral Curve of the Internal
Photoelectric Effect in Cadmium Sulfide Crystals
by E. F. Gross, A. A. Kaplyanskiy, B. V. Novikov,
8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, 1956,
pp 913-916.

Sci Mus Lib Tr 57/1787

Sci - Physics
Nov 57

55,110

Exciton Structure of the Spectral Curves of the
Photoconductive Effect in Crystals, by E. F. Gross,
A. A. Kaplianskiy, S. V. Novikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No 5, 1956, pp 761-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Physics
Aug 57

51,358

Main Directions of the Development of Chemical Science and
Technology, by D. Mordukhai, M. Akhmed, 7 pp.

RUSSIAN, esp. Khim. Gazeta, No 45, 9 May 1963.

SPES 22710

USSR
Econ
Jan 64

244, 931

Investigation of a Resonant Radio-Frequency Discharge,
by A. A. Glazov, D. L. Novikov, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10,
1958, pp 2295-2301.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 10

Sci - Phys

Jun 59

96,097

Electrostatic Channel with Periodic Focusing,
by A. A. Glazov, D. L. Novikov.
RUSSIAN, per, JINN-79-3024-1
AEC ARL-Tr-459

59
87

D. L. Novikov

Sci - Elec
Sept 67

342,285

New Data on the Absolute Age of the Taurian Shale
of Crimea, by E. A. Novikov,
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLIII, No 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci
Jul 65

Random Force Method in Turbulence Theory, by
E. A. Novikov, 6pp

RUSSIAN, per, Zhur Ekspier i Teoret Fiz, Vol XLVI,
No 6, 1963, pp 2159-2168.

Amer Inst of Phys
Sov Phys - JETP
Vol XVII, No 6

Sci
Jan 64

245, 864

Concerning a Turbulent Diffusion in a Stream With a
Transverse Gradient of Velocity, by E. A. Novikov,
4 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII, No 3,
1958, pp 412-413.

Pergamon Inst

Sci - Mathe

SSIR To No 221

May 59

88,301

Fluctuations of Electron Density in the
Ionosphere, by E. A. Novikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 3, 1961, pp 587-589.

NASA TT F-8106

Sci

6 Mar 62

185,928

US GOV'T ONLY

The Magnetohydrodynamics of the Ionosphere,
by E. A. Novikov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 11, 1960, pp 1624-1634.

AGU

Sci

15/104

May 61

Energy Spectrum of an Incompressible Fluid
in Turbulent Flow, by E. A. Novikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 2, 1961, pp 331-334.

AIP

Sov Phys - Dok

Vol VI, No 7

Sci

Feb 62

863
182, 657

II
Novikov, E. A.

D. I. Startsev and E. A. Draymanian

Breeding data for the cattle industry (Cattle breeding; cattle genetics) (Plemennoe delo v skotovdстве). — State Publisher of Agriculture Literature (Moscow). 495 p. 1950. In Russian.

X OTS 60-21129
Agriculture
17

Toward a Formulation of the Problem of the Pre-
stability of Synoptic Processes, by E. A. Novikov.

IZVESTIYA, part, Iz Akademiya SSSR Seriya Geofizika, No 11,
1959, pp 1721-1724.

FDD X-4231

Sol - Geophysics

Apr 60

115,127

63-19362

Novikov, E. Ch., Farber, D. A. and others.
THE PROMPT DIAGNOSIS AND LOCALIZATION OF
INTERACRANIAL TRAUMA IN NEONATAL IN-
FANTS. [1963] [10]p. FASEB manuscript no. S 399-2.
Order from OTS or SLA \$1.10 63-19362

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 10, p. 44-48.

DESCRIPTORS: Diagnosis, *Brain, Shock (Pathology),
*Wounds and injuries, *Infants, Gynecology,
Neurology, Edema, Spinal cord, Hemorrhage,
Muscles, Electroencephalography, Reaction
(Psychology).

(Biological Sciences--Neurology, TT, v. 10, no. 3)

- I. Novikov, E. Ch.
- II. Farber, D. A.
- III. FASEB S-399-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.

Office of Technical Services

Novikov, G. A.
CARNIVOROUS MAMMALS (Khishchnye Mlekopita-
yushchiye) tr. by A. Birron and Z. S. Cole. 1962, 284p.
ref. PL-450 Int.
Order from OTS \$3.00

61-11403

Trans. of Fauna S.S.S.R. [Novaya Seriya] 1956, v. 62.

DESCRIPTORS: *Mammals, *Classification, *Anatomy,
*Ecology, *Economics, Bones, Skull, Teeth, Growth,
Age, body, Measurement, Fur, Agriculture.

The present volume is an attempt to provide the reader,
first of all, with a practical aid in identifying predatory
animals and, secondly, with basic data on their mor-
phology, distribution and biology, to familiarize the
reader with this subject, and at the same time to en-
courage him to acknowledge the as yet unsolved prob-
lems on which attention must be focused. To facilitate
(Biological Sciences--Zoology, TT, v. 7, no. 7) (over)

61-11403

I. Novikov, G. A.
II. PL-450 Int (61-11403)
III. National Science Foundation,
Washington, D. C.

1971

Office of Technical Services

Carnivorous Mammals of the Fauna of the USSR, by
G. A. Novikov, 284 pp.

RUSSIAN, bk, Khishchnye Mlekopitsyushchie Fauny SSSR,
No 62, 1956.

OTS 61-11403
PL-180

Sci - Biol

May 62

PST 447

194, 205

(NY-5237)

All-Relay ATB (Automatic Dial Office) with 40-
Number Capacity, by G. A. Novikov, 12 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1953.

JPRS 7099

Sci

Mar 61

142,228

(NY-5070)

A Crossbar Telephone Branch Office With a
Capacity of 100 Numbers, by G. A. Novikov,
Ye. K. Opol'skaya; 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 1,
1958.

JPRS 5915

Sci
Nov 61

174,951

Ecology of Birds and Mammals of the Forest-Steppe
Oak Woods, by G. A. Novikov.

RUSSIAN, bk, Ekologia Zverey i Ptits Lesostepnikh
Dubrov, Leningrad, 1959, 351 pp.

*PL 480
Dept Int

Mar 61

100 (RFP-Trans-92) 5 THERMODYNAMIC STUDY OF BI-
NARY SYSTEMS FORMED BY FERROUS AND FERRIC CHLORIDE
WITH THE CHLORIDES OF A FEW RARE EARTH ELEMENTS.

6 Novikov, G. I.; Baev, A. K.; Polyachenok, O. G. 10 Translated for
Dow Chemical Co., Rocky Flats Div., from 17 pp 63-7 of Khimiya
Redkikh Elementov, Izd-vo Leningrad Univ., Leningrad, 1964.
207p. 24 Dep. NTIS.

26 chemistry (physical); translations 2707D

28 MN-4 29 P NSA

84
The Vapor Composition in the Halide
Systems of Certain Alkali and Alkali Earth
Metals, by G. I. Novikov, A. L. Kus'Menko.
RUSSIAN, per, Vesta Leningr Univ Ser Fiz
i Khim, No 16, 1964, pp 143-149,
NASA TT F-10,195

G. I. Novikov

Sci-Phys
Jul 66

306,542

The Self-De System, by G. G. Polyakov,
G. I. Naumov, G.
MOSCOW, 1967, 128 pages, Vol. 8, 1963,
No 12, pp 205-21
OBS 12-1967-2

G. I. Naumov

Sci - Chem
June 67

128,198

The ScCl_3 - Sc System, by O. G. Polyachenok,
G. I. Novikov,
RUSSIAN, per, Zhur Neorgan Khim, Vol VIII, 1963,
pp 2819-2821.
AEC-IS-Tr-2

29

Sci-Chem
Aug 64

262,925

Optical and Tensimetric studies of the Chlorine
Derivatives of Hexavalent Tungsten, by S. A. Shchukarev,
G. I. Novikov, 16 p.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 12, 1958,
pp 2630-2641.

ASC-tr-4460
PL-480

Sci

198, 022

May 62

PST 382

The Reduction of Thorium Tetrabromide by Hydrogen,
S. A. Shchukarev and G. I. Novikov, 6 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 9, 1953.
pp. 1953

AME-TR-4500
PL-480

341, 218

Sci

Jun 63

pr

Vapour pressure of the chlorides of lanthanum, cerium, praseodymium, and neodymium, by O. I. Novikov, A. K. Baev, 2 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 6, 1962, pp 1349-1352.

CS

Sci

Apr 63

233,454

Novikov, G. I., Makarenya, A. A. and others.
AN IMPROVED CIRCULATION METHOD FOR DETERMINING DISSOCIATION PRESSURE. [1962] [10]p.
28 refs.

Order from OTS or SLA \$1.10

63-13399

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Khimiya i Khimicheskaya Tekhnologiya (USSR) 1960
[v. 3] no. 5, p. 952-958.

DESCRIPTORS: *Gas analysis, Chemical equilibrium,
Thermodynamics, Thermal dissociation.

An improved circulation apparatus using semimicro-chemical and thermoelectrometric methods of gas analysis is described for investigating chemical equilibria and determining the dissociation pressure of binary compounds. Experiments were performed including a study of the system: $\text{FeCl}_2(\text{solid}) + \text{H}_2 =$
(Chemistry--Physical, TT, v. 10, no. 4) (over)

63-13399

I. Novikov, G. I.
II. Makarenya, A. A.
III. Translations, New York

Office of Technical Services

A Possible Application of the Lambert-Beer
Law to the Study of Gaseous Systems in a Wide
Temperature Range, by S. A. Shchukarev, G. I.
Noykov, 27 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 11,
1956, pp 2433-2439.

AEC-Tr-4592
PL-480

Sci

Jun 63

342 713

Pressure and composition of the saturated vapour over
melts of the $KCl-LnCl_3$ system, by G. I. Novikov,
A. K. Baev, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 6, 1962,
pp 1353-1359.

CS

Sci

Apr 63

233,453

The Reduction of Cerium Trichloride With Hydrogen, by
S. A. Shchukarev, G. I. Novikov.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 3, 1956,
pp 362-365.

Assoc Tech Sv *TR*
\$7.20 *RT-766*

Sci - Chemistry
Aug 57

51,527

Alpha Decay of Pu^{240} , by L.N. Kondrat'ev, G.I.
Novikov, Yu. P. Sobolev and L.L. Gol'din, 3 pp.

²
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXI,
No 5, pp 771-774.
Nov 1956

Amer Inst of Phys
Soviet Phys, JETP
Vol IV, No 5

49, 85-8

Sci - Phys
Jul 57

Thermodynamic Investigation of the Lower
Tungsten Chlorides, by S. A. Shchukarev, G. I.
Novikov, A. N. V. Andreyeva, 16 pp.

RUSSIAN, per, Leningrad U. Vestnik, Vol ~~XX~~ XIV,
No 4, [Seriya Fizika i Khimiya, No 1], 1959,
pp 120-131.

SLA 60-16770

195,984

Sci
Vol 4, No 10
May 62

AT THE FRONT OF ELECTRIFICATION OF THE COUNTRY,
BY I. NOVIKOV, 5 PP.

RUSSIAN, NP, PRAVDA, 22 SEP 1962, P 2.

JPRS 16265

SCI - ELECTRONICS

NOV 62

NLR Bulletin

VOL VII No 2 1963

219,771

Large-Scale Building Activity in Process
Throughout the Soviet Union, by NY I. Novikov,
10 pp.

RUSSIAN, np, Pravda, 9 Aug 64, pp 3-4.

JPRS 27267

USSR
Econ
Jan 65

271,579

(DC-6775)

Growth Rate and Progress of USSR Power Engineering,
by I. NE Novikov, 21 pp.

RUSSIAN, np, Ekhn Gazeta, No 14 (35), 2 Apr 1962,
pp 6-7.

JPRS 13692

Sci - Engr
May 62

195, 931

R-157/62

The Rate of Growth and Progress in Power Engineering,
by I. Novikov (DC-6775)

RUSSIAN, nspr, Ekon Gazeta, Moscow, 2 Apr 1962

*JPRS

USSR

Econ

27 Apr 62

(DC-4600/3).

New Developments in Soviet Hydroelectric Power
Construction, by I. Novikov, 3 pp

RUSSIAN, np, Pravda, 4 Nov 1960, p 3.

*JPRS 6717

USSR

Econ - Electric Power

5 Dec 60

(ny-2800/8).

Forthcoming All-Union Builders Conference on
Electric Power Construction, by I. Novikov,
7 pp.

RUSSIAN, per, Stroitel ~~Nov~~ Gazeta, 16 Oct 1959,
Moscow, p 3.

JPRS-2160-N

USSR
Econ - Construction
Feb 60

107,437

Cost Management and Improving the Sovkhoz
Profit Situation, by I. Novikov, 5 pp.

RUSSIAN, per, Voprosy Ekonomiki, No 3, 1959,
pp 145-150.

~~EE~~
Internatl Arts and Sci Press
Vol II, No 3

~~ECON~~
Sep 59

95,752

- TT-65-26457

Field 14E

Novikov, I. A.; Gafurova, N. S.
INVLOED VAN DE GOUDZOUTEN OP DE FOTO-
GRAFISCHE EIGENSCHAPPEN VAN LICHTGEVOELI-
GE EMULSIES (Vliyaniye Solei Zolota na Fotografi-
cheskie Svoistva Svetochuvstvitelnykh Emulsiy). Tr. by
J. Estercam. 26p. CBT-III-88.
Order from CBT as CBT-III-88

Trans. in Dutch of Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii (USSR) v3 n3 p173-81 1958.
Another trans. is available in English from LC or
SLA ml\$2.40, ph\$3.30 as TT-69-16589, 1959, 14p.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

TT-65-26458

Field 14E

Novikov, I. A.; Gafurova, N. S.
STUDIE OVER DE INVLOED VAN NATRIUM-
THIOSULFAAT OP DE FOTOGRAFISCHE EIGEN-
SCHAPPEN VAN EMULSIES, GESENSIBILISEERD
MET GOUD (Izuchenie Vliyaniya Tiosulfata Natri-
ya na Fotogr. Svoistva Emulsiy, Sensibilizirovan-
nykh Zolotom). Tr. by J. Estercam. 14p. CBT-III-89.
Order from CBT as CBT-III-89

Trans. in Dutch of Uspekhi Nauchnoi Fotografii (USSR)
v7 p96-102 1960.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

Some Factors Affecting the Halation and Resolving
Power of Photographic Materials, by I. A. Novikov,
11 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematog, Vol V, No 4, 1960, pp 247-254.

CIA/FDD XX-1083
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

173,407

Nov 61

USIB INTERNAL USE ONLY

A Study of the Influence of Sodium Thiosulfate on
Photographic Properties of Emulsions Sensitized
With Gold, by I. A. Novikov, I. S. Gafurova,
12 pp.

RUSSIAN, per, Uspekhi Nauchnoy Fotografii, Vol VIIth,
1960, pp 96-102.

CIA/FDD XX-1365
No Foreign Dissem

Sci - Physics
May 63
USIB Internal Use Only

229,120

Variation in the Degree of Dispersion of Fine-Grain
Emulsions During Chemical Ripening, by I. A. Novikov,
5 pp.

RUSSIAN, per, Uspekhi Nauch Fotografii, Vol VII,
1960, pp 103-108.

CIA/FDD XX-1037

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

173.406

Nov 61

USIB INTERNAL USE ONLY

TT-65-26475

Field 14E

Novikov, I. A.
INVLOED VAN ZEKERE FACTOREN OP HET
HALO-VERSCHIJNSEL EN HET OPLOSSEND VER-
MOGEN VAN FOTOGRAFISCHE MATERIALEN
(Vliyaniye Nekotorykh Faktorov na Oreoloznost' i Raz-
reshayushchuyu Spособnost Fotograficheskikh
Materialov). Tr. by J. Estercam. 21p. CBT-III-113.
Order from CBT as CBT-III-113

Trans. in Dutch of Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii (USSR) v5 n4 p247-54 1960.
Another trans. is available in English from CFSTI, ETC or
SLA \$1.60 as TT-61-20069, 1961, 11p.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

The Influence of Some Chemical Sensitizers on the
Dispersion and Light Sensitivity of Ultra Fine-
Grain Emulsions, by I. A. Novikov, N. S. Gafurova,
2 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol IV, No 6, 1959, pp 463, 464.

CIA/FDD XX-863

Sci - Phys

Aug 60

USIB INTERNAL USE ONLY

(DC-2700/30).

The Bases of the Financial Economy of Sovkhozes,
by I. A. Novikov, 7 pp.

RUSSIAN, per, Sovkhoznoye Proiz, No 6, 1960,
pp 27-30.

JPRS 3747

USSR
Econ
Sep 60

125,137

The Influence of Gold Salts on the Photographic
Properties of Sensitized Emulsions, by I. A.
Novikov, N. S. Gafurova, 14 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf USSR, Vol III, No 3, 1958, pp 173-181.

SLA 59-15589

Sci
Dec 59
Vol 2, No 4

103,133

Study of the Effect of Gold Salts on the Latent
Image and Fog of Photographic Emulsions, by I. A.
Novikov, 8 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinemat⁰⁹
Vol IV, No 3, May-Jun 1959, pp 193-197.

CIA/FDD XX-778

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

IC or SLA 60-10274

Vol III, No 3

109,753

on the Mechanism of Energy Release during the
Collapse of Superstars, by I. D. Novikov. 43
RUSSIAN, per, Astron Zhurnal, No 290,
1964, pp 1-5.
Dept of Navy Tr 4347/APL No T-1496

Novikov, I. D.

Sci - 12
Nov 65

292,776

Emission of Gravitational Waves by Bodies Moving
in an Collapsing Star Field, by Ya. B. Zel'dovich,
I. D. Novikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLV, No 5,
1964, pp 1083-1086. C
NASA TT F-8914

Sci-Ear Sci & Astron

Aug 64

U.S. GOVERNMENT ONLY

265,129

Properties of the Curvature of the Comoving Space of
Some Cosmological Models Considered in a Quasi-Newtonian
Approximation, by I. D. Novikov. 6 pp.

~~NOT XXX VIII~~
RUSSIAN, per. Astron Zhur, No. 5, 1961, pp. 961-968

AIP
Sov Astron-AJ
Vol. V, No. 5

Sci
Mar 62

191,850

Redundancy with Fractional Modulus,
by A. M. Polovko and I. E. Novikov.
RUSSIAN, per, Izvestiya Akad. Nauk SSSR,
OTK. Energetika i Avtomatika, 1961,
No 3, pp 113-117.
NLL REF 2407 (On Loan or Purchase)

I. E. Novikov

Aug 65

287,022

Determination of the Velocity of Propagation of Long
Centrifugal Waves Formed in Translational-Rotary
Liquid Flow, by I. I. Novikov.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 184, No 2,
Jan 1969, pp 313-314.

The Am Inst of Phys
Vol 14, No 1, July 1969

I. I. Novikov

Aug 69

389,692

The Velocity of Sound Along the Vapor-Liquid
Phase Equilibrium Curve. The Velocity of
Sound Propagation in Saturated Carbon Dioxide
Vapors, by I. I. Novikov, Yu. S. Trelin.
RUSSIAN, per, Zhurnal Prikladnoy Mekhanika
i Tekhnicheskoy, Fizika, No 2, 1960,
pp 112-113.
NASA TT F-11,087

I. I. Novikov

Sci-Phys
Sept 67

341,997

New Method of Constructing Thermodynamic Diagrams
for Working Substances, by I. I. Novikov.
I Yu. S. Trelin.

RUSSIAN, per, Teploenergetika, Vol IX, No 2,
1962, pp 79-85.

NLL RTS 2206
(loan)

Sci- Engr
Jul 63

238,130

Novikov, I. I., Zolotarevskii, V. S. and Kenin, E. M.
EFFECT OF TEMPERATURE ON THE THICKNESS OF
INTERGRANULAR LIQUID FILMS DURING NON-
EQUILIBRIUM CRYSTALLISATION OF SOLID SOLU-
TIONS. Mar 64

Order from: SIC \$8.00

Trans. of Akademiya Nauk SSSR, Izvestiya/ Metal-
lurgiya i Gornoe Delo, 1963, no. 5, p. 121-125.

(Metallurgy--Structural, TT, v. 12, no. 2)

TT-64-12832

I. Novikov, I. I.
II. Zolotarevskii, V. S.
III. Kenin, E. M.
IV. Scientific Information
Consultants Ltd.,
London (England)

8600

Office of Technical Services

Hot Cracking of Alloys of the V95 Type, by
I. I. Novikov, A. E. Semenov, 7 pp.

RUSSIAN, bk, Deformiruyemye Alyuminiyevyye
Splave, Oborongiz, Sbornik Statey, Moscom,
1961, pp 189-194. 9667895

FTD-TT-62-1272

Sci-M/M
Mar 63

224,431

The Propagation of Sound in Saturated Streams
of Liquids, by V. I. Avdonin, I. I. Novikov.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol XIV,
No 12, 1961, pp 11-15

REF N 3964

Sci - Phys
Feb 63

223,550

A Method of X-Ray Investigation of the Relationship
Between Dendritic Liquation and the Cooling Rate,
by I. I. Novikov, F. S. Novik, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 10, 1959,
pp 1195-1197.

Instru Soc of Amer

Sci

Sep 60

126,224

Hot Shortness of Aluminium Alloys Due to
Overheating the Melt, by I. I. Novikov, G. A.
Korol'kov.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 21-22.

NLL M. 2355

Sci - Min/Metals

173, 975

Nov 61

Grain of Solidifying Metal Refined by Vibration,
by I. I. Novikov.

RUSSIAN, per, Lit Proiz, No 2, 1959, p 42.

Brutcher 4563

Sci - Min/Met

Jun 59

90,043

Alloying Non-Ferrous Alloys to Reduce Hot Brittleness, by I. I. Novikov, 5 pp.

RUSSIAN, per, Lit Proiz, No 4, 1962,

BCIRA

Sci

Nov 62

216,432

The Use of Vibration During Solidification for
the Elimination of Hot Shrinkage Cracks,
by I. I. Kovikov, G. A. Korol'kov, A. E. Semenov.
UNCL

RUSSIAN, per, Lit Proiz, No 1, 1958, pp 7, 8.

Aluminium Lab, Ltd.
B-TM-233-59
OT/3598

Sci - Min/Met; Phys
Sep 59

96,780

Dependence of the Relative Heat Resistance
on Composition in the System Cu-Ni-Si,
by I. I. Novikov and L. I. Dautova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 110-113.

Consultants Bureau

Sci - Chem

Aug 58

70,955

Lowering Production Costs and Securing Profitability
in State Farms, by I. Novikov, 13 pp.

RUSSIAN, bk, Voprosy Ekonomiki Sel'skogo Khozyaistva,
1956.

OTS 60-51175
PL-480

155,363

 USSR
Econ

Jun 61

PST 98

Applied Thermodynamics and Heat Transfer, by I. I.
Novikov, K. D. ~~HEBENSKI~~ Voskresenskiy, 663 pp.

RUSSIAN, bk, Prikladnaya Termodynamika i Kteploperedacha,
"Series of" Osnovy Yadernoy Energetiki", Gosatomizdat,
Moscow, 1961, pp 1-548. 9679307-V

FTD-TT-63-17

Sci - Phys
Oct 63

IS 345,119

S-193/60

(NY-3818).

Data Concerning the Formation of New Afferent
Pathways of the Bladder and Large Intestine, by
D. M. Golub, A. P. Amvros'yev, A. S. Leontyuk,
I. I. Novikov, B. L. Orlova, F. B. Kheynman, 26 pp.

RUSSIAN, per, Arkhiv Anatom, Gistol i Embriol,
Vol XXXVIII, No 1, Leningrad, 1960, pp 3-18.

JPRS 2738

Sci - Med
Jun 60

117,027

Calculation of the Outflow of Saturated and Moist
Steam Nozzles, by I. I. Novikov.

RUSSIAN, per, Teploenergetika, N Vol VIII, No 6,
1961, pp 9-11.

NLL M. 3538

Sci - Engr
Jun 62

201,031

Heat Transfer and Thermophysical Properties of
Molten Alkali Metals, by I. I. Novikov, A. N.
Soloyev, E. M. Khabakhpasheva, V. A. Gruzdev,
A. I. Pridantsev, M. Ya. Vassenina, 16 pp.

RUSSIAN, bimo per, Atomnaya Energiya, Vol I, No 4,
1956, pp ~~92-106~~. 92-106

Consultants Bureau

Sci - Nuclear Physics
Mar 57 CTS

45,196

Heat Transfer in Liquid Metals, by S.S. Kutateladze,
V.M. Borishanskiy, I.I. Novikov, 8 pp.

RUSSIAN, per, Atom Energ, Vol IV, No 5, 1958,
pp 422-435

Consultants Bureau

Sci - Nuclear Phys

May 59

88,304

The Laws of Atomisation of Fluids in Centrifugal
Jets, by Novikov', I. I.

RUSSIAN, per, Zhurnal Tekhnicheskoi Fiziki¹ (USSR),
1948, Vol 18, No 3, pp 345-354. C 111 564253

Sci Museum Lib No 50/2803

PT-2511

Efficiency of an Atomic Power Generating Installation, by I. I. Novikov, 1 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 11, 1957, pp 409-412.

Consultants Bureau

Sci - Nuclear Physics

Aug 58

70,980

Mechanism of Grain Refinement by Low-Frequency
Vibrations During Crystallization [of Metals], by
I. I. Novikov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Met,
No 5, 1960, pp 130-134.

EB 4900

Sci - Chem

Oct 60

129,113

113
Experimental Determination of Speed of Propagation of Sound Waves in Saturated water Vapor at High Pressures, by V. I. Avdonin, I. I. Kovikov, 4 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, no 5, 1964, pp 159-162.

100056168-1

DTIC-65-161

Sci-Phys

Jun 68

I. I. Kovikov
V. I. Avdonin

356,453